

ABSTRACT OF THE DISCLOSURE

A process is provided for expanding the population of endothelial cells obtained from peripheral blood which can be transformed with a vector comprising a DNA sequence encoding a preselected bioactive polypeptide. The resulting
5 transgenic endothelial cells are useful to biocompatibilize implantable medical devices or can be used directly, as for gene therapy.

"Express Mail" mailing label number: EL721275305US

Date of Deposit: May 24, 2001

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